

Title (en)
A power supply device

Title (de)
Stromversorgungsvorrichtung

Title (fr)
Dispositif d'alimentation

Publication
EP 0534422 B1 19971210 (EN)

Application
EP 92116340 A 19920924

Priority
JP 27336291 A 19910925

Abstract (en)
[origin: EP0534422A2] There is provided a converter type power supply device corresponding in function to BUCK, BOOST and BUCK-BOOST type circuits and having two types of continuous current modes at input and output terminals for each of these circuits, totalling six types of continuous current modes. The power supply device is constructed as a four-terminal circuit having an input terminal (10), an output terminal (12) and a ground terminal (11) connected respectively to a converter circuit (CONV). A first inductor (L1) is connected between the converter circuit and the input terminal or the output terminal and a second inductor (L2) is connected between the converter circuit and the ground terminal, whereby a continuous current mode is brought about at both the input and output terminals. <IMAGE>

IPC 1-7
H02M 3/155; **H02J 1/00**

IPC 8 full level
H02M 3/155 (2006.01)

CPC (source: EP)
H02M 3/155 (2013.01)

Citation (examination)
FR 2647980 A1 19901207 - EUROP AGENCE SPATIALE [FR], et al

Cited by
EP0768812A3; EP0766371A3; CN108432110A; CN105593778A; EP3047344A4; EP0684754A1; EP2317635A1; CN102055316A; WO03090336A1; WO0191273A3; US10498240B2; US10924000B2; EP3394972B1

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